

8488

KI03742E 9727167 9729090
SB23609 9729087 9729092
9725030 9729088 9735403 thru
9735413

SAUNDERSMIDWEST

9737579
SB23608 9737580
9737586

V# 058082

SAFETY DATA SHEET

RA13155
RA13159
RA13159

BALSA WOOD AND ASSOCIATED SAWDUST

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Balsa Wood and Associated Sawdust (*Ochroma lagopus* and *Ochroma pyramidale*)
Article Number NA
Other Names NA
Product Use Structural core material, model making, surfboards.
Company Name Saunders Midwest LLC,
Address 29 E Madison St. Suite 900
 Chicago, IL 60602
 United States of America

Telephone Number +13123723690
Emergency Telephone +13123723690

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. NOT DANGEROUS GOODS.
 Wood dust is classified as hazardous according to the criteria of OSHA and California Prop 65

Risk Phrases For wood dust:
 R2 Risk of explosion by fire or other source of ignition.
 R36 Irritating to eyes.
 R37 Irritating to respiratory system.
 R42 May cause sensitization by inhalation.
 R43 May cause sensitization by skin contact.
 R49 May cause cancer by inhalation.

Safety Phrases
 S16 Keep away from sources of ignition.
 S22 Do not breathe dust.
 S25 Avoid contact with eyes
 S39 Wear eye / face protection.
 S51 Use only in well ventilated areas.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient (common name)	CAS Number	Proportion of Ingredients
Balsa wood	NA	100%

Product contains no hazardous ingredients per 29 CFR 1910.1200

4. FIRST AID MEASURES

SAFETY DATA SHEET

Inhalation In mild cases of balsa dust inhalation, remove affected person from the area and into fresh air. In extreme cases, when breathing is hindered or stopped, immediately call emergency medical services. If breathing is hindered, give oxygen. If breathing is stopped administer CPR.

Ingestion If large quantities have been ingested, seek prompt medical attention.

Skin Wash dust off of skin with soap and water.

Eyes Irrigate eyes with water, lifting lower and upper eyelids. If irritation persists, seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media For major fires call the Fire Department. Ensure that an escape path is available from any fire. Smother flames with water, dry chemical CO₂. Wood will smolder unless fully extinguished. Wet wood dust with water to prevent dispersion into the air.

Precautions for Fire Fighters Wood dust is a strong to severe explosion hazard if a dust "cloud" contacts an ignition source. Wear protective clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Methods for Containment and Cleanup Pick up wood mechanically. Sweep up or vacuum any dust, taking care not to inhale the dust.

7. HANDLING AND STORAGE

Storage Store in a dry place.

Handling Do not breathe in any wood dust and avoid eye contact with wood dust.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standard Wood dust (soft wood):
OSHA TWA: = 15 mg/m³ (total dust)
TWA = 5 mg/m³ (respirable fraction)

Engineering Controls Ensure adequate ventilation when working with balsa wood and dust is created. Work areas should be cleaned daily and dust should be removed by vacuum cleaning or the wet sweeping method. Under factory conditions, sawing, drilling and sanding should be done with equipment fitted with local exhaust devices capable of removing wood dust, at the source. Hand power tools should be fitted with dust bags and used in well ventilated areas.

Personal Protection
Respiratory Protection Wear a breathing filter mask when working with balsa wood and dust is created.

Body Protection Wear overalls when working with balsa wood and dust is created. Clean skin thoroughly after work.

BALSA WOOD AND ASSOCIATED SAWDUST

SAFETY DATA SHEET

Eye protection Wear safety glasses when working with balsa wood.

2/07/2005

2/5

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to light brown colored wood. The grain of the wood is soft to the touch. Balsa wood dust is white to light brown colored fibrous dust.
Odor	None
Vapor Pressure	Not applicable
Density at 20°C	60 - 250kg/m ³
Freezing / Melting point	Not applicable
pH	No information available
Solubility	Insoluble
Specific Gravity	No information available
Flash Point	No information available
Flammable Limits LEL	No information available
Flammable Limits UEL	No information available
Ignition Temperature	> 200°C

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, organic acids, traces of hydrocarbons.
Hazardous Reactions	Wood dust may pose a strong to severe explosion hazard if cloud of wood dust comes into contact with an ignition source.
Incompatible Materials	Strong oxidizers may cause wood to ignite.
Conditions to Avoid	Keep away from sources of ignition.

11. TOXICOLOGICAL INFORMATION

Toxicity Studies	No information available
Routes of Exposure	Inhalation, Ingestion, Eye, Skin

2/07/2005

BALSA WOOD AND ASSOCIATED SAWDUST

3/6